

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

 PATENT OFFICE
 JUL 29 2004
 CITY, DOCKET NO.
 033-0778P
APPLICATION NO.
10/003,069APPLICANT
Masashi SHIOMI, et al.FILING DATE
December 6, 2001GROUP
2178

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CBP	US 6,141,010		2000-10-31	Hoyle	345	854	
	US						
	US						
	US						
	US						
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	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
CBP	WO	99/55066		1999-10-28	PCT				

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Kasper B. Paule

DATE CONSIDERED

9/30/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449				ATTY. DOCKET NO. 0033-0778P		APPLICATION NO. 10/003,069		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT M. SHIOMI, et al.				
JUL 01 2004 U.S. PATENT & TRADEMARK OFFICE				FILING DATE December 6, 2001		GROUP 2178		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
GSP GSP GSP	US 5,946,664		1999-08-31	Ebisawa	705	14		
	US 5,890,910		1999-04-06	Tsurumi, et al.	434	307A		
	US 5,931,679		1999-08-03	Funahashi	434	307A		
	US							
	US							
	US							
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	US							
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
GSP GSP GSP	CN	1147654	A	1997-04-16	CHINA			X
	CN	1159638	A	1997-09-17	CHINA			X
	CN	1139788	A	1997-01-08	CHINA			X
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
EXAMINER <i>Lester B. Parker</i>				DATE CONSIDERED <i>9/30/04</i>				
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
2178	JP	9-128452		1997-05-16	JAPAN			Abs	
2178	JP	8-173634		1996-07-09	JAPAN			Abs	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Gregor B. Finkle

DATE CONSIDERED

9/30/04

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CG/cb

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